



4TH NATIONAL ABILYMPICS –2014 CHANDIGARH

VOCATIONAL SKILLS CONTEST

ABOVE 15 YRS.

V07 – DATA PROCESSING - BASIC

1. OBJECTIVE

To provide an opportunity to contestants to demonstrate their knowledge, skill and competence in computer data processing.

2. TASK

Part 1: Create a database tables as shown below for the Credit Card Company. Any person can have one or two cards of the brand MASTER or VISA. The following information should be stored in the database tables :

(Populate the data with 10 persons having Credit Card (CC) and doing 5 transactions)

- Credit card Holder Information
 - CC Act no (10 digit max)
 - Card Holder Name
 - Address
 - City
 - Pin
 - Card type (Master or VISA)
 - Card Validity date (Generally for 2 years from the date of issue i.e 30 Aug 2014)
- Transaction Information
 - Transaction Number
 - Card Type Used
 - Transaction Date
 - Transaction description (purchase of groceries , toys , electronics items)
 - Shopkeeper Id
 - Amount
- Shopkeeper Information
 - Shopkeeper ID
 - Shopkeeper Name
 - Transaction amount

Part 2: Print out the following reports:

1. List the people having MASTER card and having both Master And VISA card..
2. Find the transactions made on a VISA card.
3. List the shopkeepers where any card has been used to purchase an item?

3. **SPECIAL INSTRUCTIONS**

The package developed should be user friendly. The software NVDA will be loaded for the visually impaired contestants.

4. **SOFTWARE**

The following compilers will be loaded for database creation: -

- Microsoft Excel 2007
- MS – Access 2007

5. **WORK ENVIRONMENT**

Machines will be placed on tables. In case of special working conditions requirement, the same should be asked for 24 hours prior to the contest.

6. **ALLOCATED TIME**

Maximum time 3 hrs

7. **EVALUATION CRITERIA**

Assessment of the skill of the participants will be based on the final work produced.

Items to be Evaluated	Maximum Marks Allotted
Database Design & Layout	20
Correctness of Reports & Results	40
Software features used	20
Constraints/Data types used correctly	20
Total Marks	100